

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



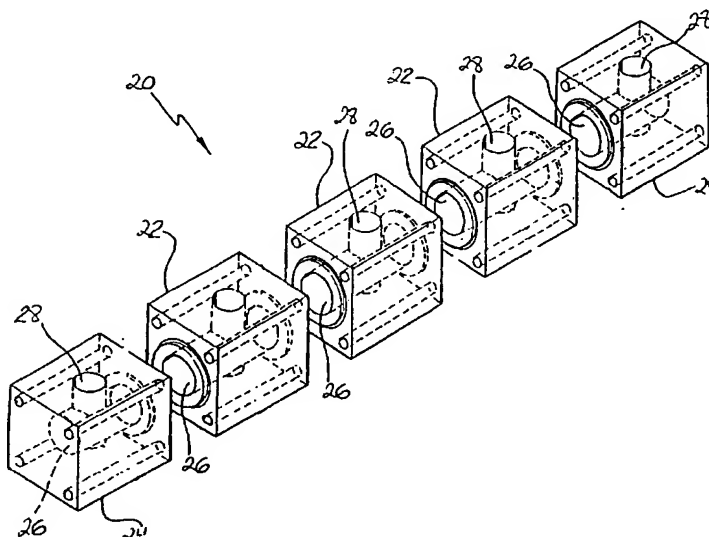
(43) International Publication Date
24 December 2003 (24.12.2003)

PCT

(10) International Publication Number
WO 03/106002 A1

- (51) International Patent Classification⁷: B01D 57/02
- (21) International Application Number: PCT/AU03/00750
- (22) International Filing Date: 16 June 2003 (16.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
PS2957 17 June 2002 (17.06.2002) AU
- (71) Applicant (for all designated States except US): PROTEOME SYTEMS INTELLECTUAL PROPERTY LTD [AU/AU]; Unit 1, 35-41 Waterloo Road, North Ryde, NSW, 2113 Australia (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): PLUSKAL, Malcolm, G. [GB/US]; 19 Silver Hill, Acton, Massachusetts 01720 (US).
- (74) Agent: F. B. RICE & CO; 605 Darling Street, Balmain, NSW 2041 (AU).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COATED HYDROPHILIC MEMBRANES FOR ELECTROPHORESIS APPLICATIONS



(57) Abstract: The present invention is directed to an electrophoresis gel plate for analysing or separating macromolecules in a mixture comprising a polymerised gel matrix supported by a hydrophilic microporous membrane.

WO 03/106002 A1